



40W

## AIRMT-85

Order No.: 0013190

### PRODUCTINFOS

#### Air Motion Transformers

are a special type of tweeter systems which have been developed by the German physicist Oskar Heil during his research on the characteristics of the human ear. The main feature is a film-covered cone with a special folding which vibrates like an accordion when an audio signal is applied. This folding allows to accommodate a large cone area at a minimum of space. The AMTs feature a dynamic sound, an excellent transient response, a high efficiency and a low harmonic distortion.

There are 2 STL files available for the AIRMT-130 for 3D printed waveguides.

#### High-end Air Motion Transformer tweeter, 20 W, 4 $\Omega$

- Tweeter based on the principle of Air Motion Transformer
- High-performance neodymium magnet system
- Fine, dynamic and brilliant reproduction of the high frequencies
- Folded cone made of Kapton and aluminium
- High efficiency
- For use from 2,500 Hz on
- Robust aluminium front panel

## Klang+Ton 08,09/2016

“Compact AMT with quite a low crossover frequency possible for two-way speaker systems and multi-way speaker systems of highest quality.”

### Manufacturer information:

MONACOR INTERNATIONAL GmbH & Co. KG  
Konsul-Smidt-Str. 68  
28217 Bremen  
Germany  
info@monacor.com

## TECHNICAL SPECIFICATIONS

### AIRMT-85

Impedance (Z)	4 $\Omega$
Transmission technology	cable
Frequency range	2,000-30,000 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	> 2,500 Hz
Power rating (RMS)	20 W
Peak music power output (MAX)	40 W
SPL	92 dB/W/m
DC resistance (Re)	3.8 $\Omega$
Magnet diameter	neodymium rods
Mounting cutout	$\varnothing$ 66 mm
Mounting depth	36 mm
Mounting hole diameter	$\varnothing$ 75 mm
Dimensions	$\varnothing$ 85 mm x 36 mm
Outside diameter	$\varnothing$ 85 mm
Width	$\varnothing$ 85 mm
Height	$\varnothing$ 85 mm
Depth	36 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	0.3 kg
Packing unit	1
Type of speaker	AMT
Packaging dimensions (W x H x L)	0.14 x 0.055 x 0.105 m

**AIRMT-85**

Gross weight 0.35 kg

Net weight 0.3 kg

**AIRMT-85**

EAN code 4007754250251

Net weight 0.3 kg